

Application No. 10/662,683

Docket No.: 28076/SV1094

AMENDMENTS TO THE CLAIMS**In the Claims:**

1-10. (canceled).

11. (previously presented) A method of making an electric motor, comprising:
winding a first magnet wire about a first lug in a winding board and a first protrusion in a stator, the winding board being disposed on the stator and including a switch having at least an internal terminal, and a fuse having an input terminal and an exit terminal;
laying the first magnet wire across the exit terminal and the input terminal on the fuse;
terminating the first magnet wire at the switch; and
severing the first magnet wire between the input terminal and the exit terminal on the fuse.

12. (original) The method of claim 11, further comprising routing the first magnet wire along the winding board under clips.

13. (currently amended) The method of claim 11, wherein the switch includes an internal terminal and an external terminal, the internal terminal includes a first block and a second block, the method further comprising terminating and the first magnet wire is ~~terminated~~ on the first block.

14. (currently amended) The method of claim 13, wherein the first block and the second block include tang terminals, the method further comprising welding and the first magnet wire is ~~fused~~ to the tang of the first block ~~by welding~~.

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15. (currently amended) The method of claim 11, wherein the input terminal and the exit terminal include tangs, the method further comprising welding and the first magnet wire ~~is fused to the tangs by welding.~~

16. (original) The method of claim 11, further comprising winding the first magnet wire about the first lug in the winding board and the first protrusion in the stator to form a first pole.

17. (original) The method of claim 11, further comprising winding a second magnet wire about a second lug in the winding board and a second protrusion in the stator to form a second pole.

18. (original) The method of claim 17, further comprising disposing the end of the second magnet wire on the second block of the internal terminal.

19. (original) The method of claim 18, further comprising fusing the second magnet wire to the tang of the second block by welding.

20-32. (canceled).

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33. (new) A method of making an electric motor, comprising:
forming a first coil with a first magnet wire, a connector portion of the first magnet wire extending out of the coil, the first coil being disposed within a stator;
connecting the connector portion of the first magnet wire to an exit terminal and an input terminal of a fuse and to a internal terminal on a switch; and
severing the first magnet wire between the input terminal and the exit terminal on the fuse.

34. (new) The method of claim 33, further comprising operatively coupling a winding board to the stator.

35. (new) The method of claim 34, further comprising routing the connector portion of the first magnet wire along the winding board under clips.

36. (new) The method of claim 33, wherein the switch includes the internal terminal and an external terminal, the internal terminal includes a first block and a second block, the method further comprising connecting the first magnet wire to the first block.

37. (new) The method of claim 36, wherein the first block and the second block include tang terminals, the method further comprising welding the first magnet wire to the tang of the first block.

38. (new) The method of claim 33, wherein the input terminal and the exit terminal include tangs, the method further comprising welding the first magnet wire to the tangs.

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39. (new) The method of claim 34, further comprising winding the first magnet wire about a first lug in the winding board and a first protrusion in the stator to form a first pole.

40. (new) The method of claim 34, further comprising winding a second magnet wire about a second lug in the winding board and a second protrusion in the stator to form a second pole.

41. (new) The method of claim 40, further comprising disposing the end of the second magnet wire on a second block of the internal terminal.

42. (new) The method of claim 41, further comprising welding the second magnet wire to a tang on the second block.

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43. (new) A method of making an electric motor, comprising:

operatively coupling a winding board to a stator;

forming a first coil with a first magnet wire by winding the first magnet wire about a lug in the winding board and a protrusion in the stator, a connector portion of the first magnet wire extending out of the coil, the first coil being disposed within a stator;

connecting the connector portion of the first magnet wire to an exit terminal and an input terminal on a fuse and on an input terminal of a switch, the switch capable of selectively transferring electric current to the first magnet wire; and

severing the first magnet wire between the input terminal and the exit terminal on the fuse;

wherein upon the delivery of electric current being to the magnet wire, the first coil is excited and an armature is rotated.